



1665 Sequences_ST25
SEQUENCE LISTING

<110> Tets, Viktor Veniaminovich
Genkin, Dmitry Dmitrievich

<120> Method for treating oncological, virulent and somatic diseases,
method for controlling treatment efficiency, pharmaceutical
agents and composition for carrying out said treatment

<130> 1665 Sequence

<140> 10/564,615

<141> 2006-01-12

<160> 155

<170> PatentIn version 3.4

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<222> (74)..(74)

<223> n is a, c, g, or t

<400> 49

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ngctgctact tggntcaagc cattagtatc ccttgctcca ataaactctt tcct 114

<210> 50

<211> 206

<212> DNA

<213> Homo Sapien

<400> 50

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1665 Sequences_ST25

acacagagca gatttgaaac actctttttg tggaatttgc aaatggagaa ttcctgcagc 120
ccgggggatc cactagttct agagcggccg ccaccgcggt ggagctccag cttttgttcc 180
ctttagcgag ggtaattgc gcgctt 206

<210> 51
<211> 169
<212> DNA
<213> Homo Sapien

<400> 51
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cacatagga aagaggaagc tggtgccttc ctcttacaag agcactaatc tcacatgggt 120
gtttaccctc atgactttat ctaaacctaa ttatctttca aagaatcta 169

<210> 52
<211> 141
<212> DNA
<213> Homo Sapien

<400> 52
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ttccactag ttctagagcg gccgccaccg cgggtggagct ccagcttttg ttcccttag 120
ttagggttaa ttcgcgcttg c 141

<210> 53
<211> 203
<212> DNA
<213> Homo Sapien

<400> 53
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gcatatcatg aaagtgacca tgggtgttga tattgtgggt agaagctttc aagtaaaaaa 180
gaactgtcat tcaactgaat tgg 203

<210> 54
<211> 162
<212> DNA
<213> Homo Sapien

<400> 54
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aggcaggcag atcacttgag gccaaagagt caagaccaac ctggccaaag gggtgaaatc 120
catctctact aaaaatacaa aaattagtcg ggcgcggcgg cg 162

<210> 55

1665 Sequences_ST25

<211> 193
 <212> DNA
 <213> Homo Sapien

<400> 55
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 cagcatataa taatatgaaa aaattttgtc ctagacattt tatatgaaaa tgtatacttt 120
 agagcatgct tcaggaaaaa aagaaagaaa aattaatcct gggaaatggg tgacattaga 180
 tacaggcgag tgg 193

<210> 56
 <211> 169
 <212> DNA
 <213> Homo Sapien

<400> 56
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 aaaagtttca ggcaagttca caccaaaact tgcattctaa cctccctgaa cctgtgggtct 120
 agaagggacc tatcagcaag atgataacca aaaatgtcta gaatctgag 169

<210> 57
 <211> 141
 <212> DNA
 <213> Homo Sapien

<400> 57
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 ccgggcgcgg tggcccagca cctgtaatcc cagtactttg ggagcctaga ggcaggtggt 120
 cattggaagt caggagttca a 141

<210> 58
 <211> 183
 <212> DNA
 <213> Homo Sapien

<400> 58
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 cag 183

<210> 59
 <211> 185
 <212> DNA
 <213> Homo Sapien

<400> 59
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1665 Sequences_ST25

cattttgggg tatttttttaa aataaaatct gtgattatct atcttttaaat gaatgcctta 120
gatcattcac attaaagtga ttgtttgtgt agttgtgttc atgtatacca tacttataac 180
tgttt 185

<210> 60
<211> 163
<212> DNA
<213> Homo Sapien

<400> 60
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tgaaaaggag aagcctctcc caactaattc tatgaatcca gcattacccc ttaccaaac 120
cagacaaaga tgaaacaaaa taataagaag aaggaactct ggg 163

<210> 61
<211> 103
<212> DNA
<213> Homo Sapien

<220>
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<222> (63)..(63)
<223> n is a, c, g, or t

<400> 61
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tcnaccagca tctcaacctc acactagctg caacacttgg cca 103

<210> 62
<211> 144
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (60)..(60)
<223> n is a, c, g, or t

<400> 62
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tatgaattag cctgcatgtc tgggtccac cctgcacatg ctaacattcc tttccctccc 120
catacgagtc caaaaaaact atgc 144

<210> 63
<211> 173
<212> DNA
<213> Homo Sapien

<400> 63
tcagtcttca ggtgatattg aaatggaggc tgtaagggtt taataatata ggtttcaaaa 60

1665 Sequences_ST25

ccaggcagca acacatacta gccatgtaaa acttgagcta ccccaacccg cctggttgtt 120
gcttagtcct tctttgaaaa ttaaaattct gttctctgga aatagtattt agg 173

<210> 64
<211> 150
<212> DNA
<213> Homo Sapien

<400> 64
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acacagttta agtaatatgc tgaattcctg cagcccgggg gatccactag ttctagagcg 120
gccgccaccg cggtggagct ccagcttttg 150

<210> 65
<211> 159
<212> DNA
<213> Homo Sapien

<400> 65
ccagtaactt ccttgtgttg tgtacattca actcacagag ttgaacgttc ccttagacag 60
agcagatttg aaacactctt tttgtgcaat tggcaagtgg agatttcaag cgctttaagg 120
tcaatggcag aaaaggaaat atcttcgttt caaaactag 159

<210> 66
<211> 73
<212> DNA
<213> Homo Sapien

<220>
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<222> (26)..(26)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (64)..(64)
<223> n is a, c, g, or t

<400> 66
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tgtntctatc aga 73

<210> 67
<211> 87
<212> DNA
<213> Homo Sapien

<400> 67
agccagagcc aagctctctc actctgcaga gaagcctcag tctttagaag acagttcagc 60
tttatccaga attcctgcag ccgggggg 87

1665 Sequences_ST25

<210> 68
 <211> 110
 <212> DNA
 <213> Homo Sapien

<220>
 <221> misc_feature
 <222> (104)..(104)
 <223> n is a, c, g, or t

<400> 68
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<210> 69
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 <212> DNA
 <213> Homo Sapien

<220>
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 <223> n is a, c, g, or t

<220>
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 <222> (50)..(50)
 <223> n is a, c, g, or t

<400> 69
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 attaatacaag aggggtttcag gcttccctgt aggaaaatgt ctaaagcata a 111

<210> 70
 <211> 138
 <212> DNA
 <213> Homo Sapien

<220>
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 <222> (80)..(80)
 <223> n is a, c, g, or t

<400> 70
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 atgctctgac actgattgan ttctctgcagc cggggggatcc actagttcta gagcggccgc 120
 accgaggtgg acgtcagc 138

<210> 71
 <211> 144
 <212> DNA

1665 Sequences_ST25

<213> Homo Sapien

<400> 71

caggttgatg aagaaacgga tattagtgcg atgaagaaca gctccgtctc tgcagctgg 60

tcatttttta tatgtcagag actgtcgaat ttctattgcg tttcaactaa ttacctcagt 120

ttgttaaaac tgaatatgaa ttcc 144

<210> 72

<211> 113

<212> DNA

<213> Homo Sapien

<220>

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<222> (1)..(1)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (24)..(24)

<223> n is a, c, g, or t

<400> 72

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tatccacttg cagttctaca aaaagagtgt ttcacaacag cactatcaag agg 113

<210> 73

<211> 97

<212> DNA

<213> Homo Sapien

<400> 73

tacattcttt ttcttaacta tccaccacct cccctcaaaa ttttaacagc atccagcctc 60

acaaaactca gatcttcctt gtgtacagtt ccacttt 97

<210> 74

<211> 143

<212> DNA

<213> Homo Sapien

<400> 74

gacaattcca ttcaatacca attgatgatg tttatttttg attccatttg atgatgatta 60

cattcgattc catttcatca tgattccatt cgattccact cgatgattcc attcgattcc 120

attcaatgat tattccactt gag 143

<210> 75

<211> 98

<212> DNA

<213> Homo Sapien

<220>

1665 Sequences_ST25

<221> misc_feature
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<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (42)..(42)
<223> n is a, c, g, or t

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<221> misc_feature
<222> (78)..(78)
<223> n is a, c, g, or t

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aagtgttaatt tcgctganat agaaaatttc tcattatt 98

<210> 76
<211> 88
<212> DNA
<213> Homo Sapien

<400> 76
agctgacatt gtaatttaatt aaagctaagg ataaaacttc tgggtttttt gtttattgag 60
cccgtgact agaagagata agagatgg 88

<210> 77
<211> 101
<212> DNA
<213> Homo Sapien

<220>
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<222> (23)..(23)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (55)..(55)
<223> n is a, c, g, or t

<400> 77
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cactagtctt agagcggccg ccaccgcggt ggagctccag c 101

<210> 78
<211> 109
<212> DNA
<213> Homo Sapien

<400> 78
aaggttacag tgagctatga tccaccactg cactccagca tgggcaacaa agcgagaccc 60
agtatttaga tttatttggt aatagccagg catattggta catgcgtgt 109

1665 Sequences_ST25

<210> 79
 <211> 121
 <212> DNA
 <213> Homo Sapien

<220>
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 <223> n is a, c, g, or t

<400> 79
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 nttcctgcag cccgggggat ccactagttc tagagcggcc gccaccgcgg tggagctcca 120
 g 121

<210> 80
 <211> 144
 <212> DNA
 <213> Homo Sapien

<220>
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 <223> n is a, c, g, or t

<400> 80
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 aggaaggccc ttctccagga ttct 144

<210> 81
 <211> 160
 <212> DNA
 <213> Homo Sapien

<400> 81
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 aagaagcagt ggattttgag ttgaggacgg aatttgagag ggggagggaa aaggaaggga 120
 atccgcagag gcagagctga ctgcactcgt gagggagggg 160

<210> 82
 <211> 164
 <212> DNA
 <213> Homo Sapien

<400> 82
 atacaaattg cagactgcag cgttctgaga aacatctttg tgatgtttgt attcaggaca 60
 gagagttgaa cattccctat catagagcag gttggaatca ctccttttgt agtatctgga 120
 agtggacatt tggagcgctt tcaggcctat gttggaaaag gaaa 164

1665 Sequences_ST25

<210> 83
 <211> 164
 <212> DNA
 <213> Homo Sapien

<400> 83
 ttgtggttct agattttatg gtctcttttt tatttttcat tttttgagac caagtttcac 60
 tcttgttgcc cggctggagt gcagtgcgc gatcttggct caccgcaacc tctgcctcca 120
 ggattcaagc gattcgcctg cctcagcctt actgagtagc tccc 164

<210> 84
 <211> 141
 <212> DNA
 <213> Homo Sapien

<220>
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 <222> (67)..(67)
 <223> n is a, c, g, or t

<400> 84
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 atatgtntct aggttatttc caatcattat gccatctcgg aagtggcagg ggtgctatac 120
 tagactgaga caaatacccc a 141

<210> 85
 <211> 72
 <212> DNA
 <213> Homo Sapien

<220>
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 <222> (26)..(26)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<400> 85
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 attataaatg at 72

<210> 86
 <211> 135
 <212> DNA
 <213> Homo Sapien

<400> 86
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1665 Sequences_ST25

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aaacatatc attgggaggt cgaggcgggc ggatcacgag gtaggagatc gacgaccatc 120
cggtaaaagg tgaaa 135

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<210> 87
<211> 107
<212> DNA
<213> Homo Sapien

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<400> 87
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gatccactag ttctagagcg gccgcaccgc ggtggagctc agctttt 107

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<210> 88
<211> 109
<212> DNA
<213> Homo Sapien

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<400> 88
ccatgtgga gcacagctat aaggctcttt ctatgaacca gaaagcaggc tttctctaaa 60
caccgaatct gccaatgcct tgatcttgga tttcccagat tccgaacta 109

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<210> 89
<211> 112
<212> DNA
<213> Homo Sapien

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<400> 89
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gaataattgc aatccccgat ccccatcacg aatgggggttc aacggggttac cc 112

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<210> 90
<211> 125
<212> DNA
<213> Homo Sapien

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<400> 90
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gaggatgcag tgagccaaga ttgtgccact gaactctagc ccaggcaaag gtgagagact 120
tgatc 125

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<210> 91
<211> 130
<212> DNA
<213> Homo Sapien

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<220>
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<222> (20)..(20)
<223> n is a, c, g, or t

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1665 Sequences_ST25

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 <223> n is a, c, g, or t

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 <223> n is a, c, g, or t

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 <222> (78)..(78)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (100)..(100)
 <223> n is a, c, g, or t

<400> 91
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 tactaataat taganatnat cttctctaga atgagcattn aatgagtcag ctagagaggc 120
 gacttaactg 130

<210> 92
 <211> 104
 <212> DNA
 <213> Homo Sapien

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 <222> (81)..(81)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (87)..(87)
 <223> n is a, c, g, or t

<400> 92
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 tttggctggg ctaggatatt ntataanata gatctatcac tctg 104

<210> 93
 <211> 122
 <212> DNA
 <213> Homo Sapien

<400> 93
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1665 Sequences_ST25

tcaggggtta atacttctta gcaaagaaat agagaccaat ctctgtgatc actttaaact 120
 tt 122

<210> 94
 <211> 76
 <212> DNA
 <213> Homo Sapien

<220>
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 <222> (50)..(51)
 <223> n is a, c, g, or t

<400> 94
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 tacaggcagc aggcaa 76

<210> 95
 <211> 109
 <212> DNA
 <213> Homo Sapien

<220>
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 <222> (24)..(24)
 <223> n is a, c, g, or t

<220>
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 <222> (26)..(26)
 <223> n is a, c, g, or t

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 <223> n is a, c, g, or t

<220>
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<220>
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<220>
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 <222> (78)..(78)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (100)..(101)
 <223> n is a, c, g, or t

1665 Sequences_ST25

<400> 95
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 ctcagagnag gcaattnttc gccgctgggt taaggctttt natgaccga 109

<210> 96
 <211> 148
 <212> DNA
 <213> Homo Sapien

<220>
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 <222> (22)..(22)
 <223> n is a, c, g, or t

<220>
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 <222> (83)..(84)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (86)..(86)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (88)..(88)
 <223> n is a, c, g, or t

<400> 96
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 tctaacatca tatccctata tanntntnac tgtgcagtat ccagacaatg acactccttc 120
 agagagaatt ctatggccac atctctaa 148

<210> 97
 <211> 122
 <212> DNA
 <213> Homo Sapien

<220>
 <221> misc_feature
 <222> (41)..(42)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (48)..(51)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (54)..(54)
 <223> n is a, c, g, or t

<220>
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1665 Sequences_ST25

<222> (110)..(110)

<223> n is a, c, g, or t

<400> 97

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aaagaattcc aaacttaaac atcttcagta gacttgacat tgtatttcgn atatacctatg 120

tc 122

<210> 98

<211> 88

<212> DNA

<213> Homo Sapien

<220>

<221> misc_feature

<222> (38)..(46)

<223> n is a, c, g, or t

<400> 98

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tgataaatat gaatacctaa taatagac 88

<210> 99

<211> 105

<212> DNA

<213> Homo Sapien

<400> 99

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<210> 100

<211> 86

<212> DNA

<213> Homo Sapien

<220>

<221> misc_feature

<222> (22)..(25)

<223> n is a, c, g, or t

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<221> misc_feature

<222> (27)..(27)

<223> n is a, c, g, or t

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<222> (74)..(74)

<223> n is a, c, g, or t

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<222> (76)..(76)

1665 Sequences_ST25

<223> n is a, c, g, or t

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ccagactgat cttanctcc tgggtc 86

<210> 101
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<212> DNA
<213> Homo Sapien

<220>
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<222> (17)..(17)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

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ctgggcgcca tgtgacgact ctctccctct ctacagctac acaaccgccg tgtgctgtcg 120
ggctttatcc tttccacca gtccatggct tgggtc 156

<210> 102
<211> 173
<212> DNA
<213> Homo Sapien

<220>
<221> misc_feature
<222> (41)..(41)
<223> n is a, c, g, or t

<400> 102
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ggttcagca attgttctgc ctacgcctgg gggatccact agttctagag cgg 173

<210> 103
<211> 191
<212> DNA
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<400> 103
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agcagctgtg caaccatgcc tcaggcctga ggaacagctc gcaggccact ctgtctggta 120
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 ctggaatcaa tagaaaggaa tgtctgggtt aaggtaaggg ctatggggga tccactagtt 180
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1665 Sequences_ST25

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1665 Sequences_ST25

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<210> 112
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<212> DNA
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1665 Sequences_ST25

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1665 Sequences_ST25

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ggagagatag tnggaatntc tagttnttgg agcagtcaga acacacata                  109

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1665 Sequences_ST25

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<210> 121
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<212> DNA
<213> Homo Sapien

<400> 121
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gcatgaggat tgtgtctgct tgattttaaa ccatccttta atgtctgtac acaggaaatg 120
ttatcaaaa gagatgattc ttgggggatc cactagggtc tagagcggcc gccaccg 177

<210> 122
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1665 Sequences_ST25

<213> Homo Sapien

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gnaaagggt gttaccatct ttgttttaaa ctataaacta taa 103

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cagaaagtga gaggagagta ggcattgtcac anagagagac atgccttcat tctcggggga 120

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gagaagatca gacagagaaa gagagagaca gagacagaca nanagaatag aga 113

<210> 127

<211> 181

<212> DNA

<213> Homo Sapien

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actggcaaac tgaatccagt agcacatcaa aaagctgggg gatccactag ttctagagcg 180

g 181

<210> 128

<211> 150

<212> DNA

<213> Homo Sapien

<400> 128

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gggtcacacc ggccacctag tcagtcctaa cgtcggaacc tggatacctc cattgctggt 120

gctggacccg tcactgtttt ggatattttc 150

<210> 129

<211> 173

<212> DNA

<213> Homo Sapien

<400> 129

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agcacctcca agctcgtaaa tgcttatctc ggtaaccctc agtcatggga caatcaaatt 120

caatacatcg gaggaacacc atgctgacgg gggatccact agttctagag cgg 173

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1665 Sequences_ST25

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 agagcgg 187

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 <211> 170
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 tcgggggatc cactagttct agagcgg 147

<210> 133
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1665 Sequences_ST25

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gggaggctat ggcaggaaaa tcccttgaac ctgggaggcg gaagttgcag cgagaagaga 120
tca 123

<210> 134
<211> 164
<212> DNA
<213> Homo Sapien

<400> 134
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<210> 135
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gtggaataaa tgaagattaa atgatatgaa ctactcagaa aacaggtagg gggatccact 180
agttctagag cg 193

<210> 136
<211> 233
<212> DNA
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gagtgcagtg gcgccatctc agctcactgc gacctctgcc tcccgggttc aagcaattct 120

1665 Sequences_ST25

catacctcag cctcccagat agctggaacc acaggcatga gccacccatgc ccggctagtt 180
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<210> 137
<211> 194
<212> DNA
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aatatccact tgcagacttt acagagtgtt tcctaactgc tctatgagag ggggatccac 180
tagttctaga gcgg 194

<210> 138
<211> 155
<212> DNA
<213> Homo Sapien

<400> 138
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gcaacagtac ttttggtgcc cattaaccaa attactttga tttctttgtg taaatattat 120
gaagaccaga accttttgag ggggatccac tagtt 155

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<212> DNA
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gccactgtag ggtgagccta gaaaagagtt tcatgaccta ggtgatcagt gcagaggggg 180
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accttctctc tactaaaaat acaaaaatta gccgggcatg gtggcactc 169

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1665 Sequences_ST25

<212> DNA
<213> Homo Sapien

<400> 141
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gtgtctagtc ttgttttctc aatccatcct gctctccagc agcctcaata cttctaaaat 180
tgtccggggg atccactagt tctagaggcg g 211

<210> 142
<211> 195
<212> DNA
<213> Homo Sapien

<400> 142
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tgttattgct ggactccatt acacaagttt catgagccag tgaaaatcac tgtgggggat 180
ccactagttc tagag 195

<210> 143
<211> 199
<212> DNA
<213> Homo Sapien

<400> 143
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tgtcagcatg agcagatgat gaagtatcat aggaatccat tttttgctgt atttcttatt 120
taatagagaa agaaatttca tatgctgtaa tatgtttcca attggaaatt aaaatctgat 180
aggggggatc cactagttc 199

<210> 144
<211> 178
<212> DNA
<213> Homo Sapien

<400> 144
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aaatcgaaca agaaatcata tgatataatc agataagagc ctgggggatc cactagtt 178

<210> 145
<211> 158
<212> DNA
<213> Homo Sapien

<220>

1665 Sequences_ST25

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 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (74)..(74)
 <223> n is a, c, g, or t

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 cctggtgccca agatatgggg gggatccact agttctag 158

<210> 146
 <211> 184
 <212> DNA
 <213> Homo Sapien

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 ttct 184

<210> 147
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 <212> DNA
 <213> Homo Sapien

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1665 Sequences_ST25

gctgcacaca gattcattga aaagggcaga agcctcatta atactagagt ctgaggcaca 180
acctatgacc gaacactggg ggggatccac tagttctag 219

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<211> 185
<212> DNA
<213> Homo Sapien

<400> 148
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tccttgtcat agacagaatg tgtgtttccc aaacttcgtg tggtgggggg atccactagt 180
tctag 185

<210> 149
<211> 129
<212> DNA
<213> Homo Sapien

<400> 149
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<223> n is a, c, g, or t

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<210> 151
<211> 95
<212> DNA
<213> Homo Sapien

<400> 151
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<210> 152
<211> 144

1665 Sequences_ST25

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<212> DNA
<213> Homo Sapien

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ctgtctctga tgagaagagt gtac                                           144

<210> 153
<211> 138
<212> DNA
<213> Homo Sapien

<400> 153
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tgagattctg cacagatg                                           138

<210> 154
<211> 139
<212> DNA
<213> Homo Sapien

<400> 154
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tgggagacgg tgtgtaagt                                           139

<210> 155
<211> 133
<212> DNA
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<400> 155
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agctatgtat ctg                                           133

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